

CHAPTER 452  
FLASHING LIGHTS AND WARNING DEVICES ON SLOW-MOVING VEHICLES

[Appeared as Ch 3, Department of Public Safety, 1973 IDR]  
[Prior to 6/3/87, Transportation Department[820]—(07,E) Ch 3]

**761—452.1(321) Slow-moving vehicle.** Slow-moving vehicle means any farm tractor, implement of husbandry, road construction or maintenance vehicle, road grader and any other vehicle principally designed for use off the highway which, when operated on the highway, is operated on the highway at a speed of 25 miles per hour or less.

This rule is intended to implement Iowa Code sections 321.383 and 321.423.

**761—452.2(321) Required equipment.** Slow-moving vehicles shall be equipped with and display at least one flashing light meeting the specifications of A.S.A.E. S279.4, and with a slow-moving vehicle warning device meeting the specification of A.S.A.E. S276.1.

**452.2(1) Lamps.**

*a.* There shall be at least one amber flashing warning lamp, conforming to SAE J974, Flashing Warning Lamp for Farm and Light Industrial Equipment, visible from both front and rear, and at least 42 inches (1067 mm) high as measured to the lamp axis. When more than one lamp is used, they shall flash in unison, be mounted at the same level and be as widely spaced as practicable.

*b.* The lamp shall comply in both the forward and rearward direction with the candlepower requirements of a Class “A” turn signal, SAE J575, Table 2. In addition, the lamp shall project at least 4 c.p. on both sides at 90° to the lamp axis.

*c.* The color of the light from the warning lamp shall be amber in accordance with SAE J578.

*d.* The lamp shall be flashed at least 60 f.p.m. (flashes per minute) but not more than 120 f.p.m. when it is operating.

*e.* The effective projected illuminated area measured on a plane at right angles to the axis of the lamp shall be not less than 12 square inches.

**452.2(2) Warning device.** The slow-moving vehicle warning device shall be mounted point up in a plane perpendicular to the direction of travel. It shall be placed at the rear of the vehicle, unobscured, and at least 2 feet above the ground measured from the lower edge of the emblem.

This rule is intended to implement Iowa Code sections 321.383 and 321.423.

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